## Exhibit 8 to Complaint Intellectual Ventures I LLC and Intellectual Ventures II LLC

### Example American Count 1 Systems and Services U.S. Patent No. 8,332,844 ("the '844 Patent")

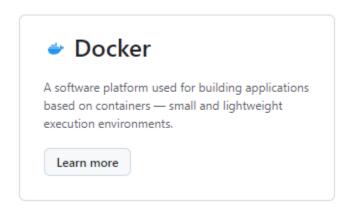
On information and belief, the American Systems and Services use Docker in its private cloud(s). For example, American posts, or has posted, job opportunities that require familiarity with Docker containerization concepts.

- Example of job posting for an Engineer/Sr Engineer in IT Situational Awareness at American Airlines which mentions Docker as a necessary skill for the position. https://jobs.aa.com/job/EngineerSr-Engineer%2C-IT-Situational-Awareness/75837-en US (Last accessed 10/31/2024).
- Example of job posting for an Associate Developer in IT Applications at American Airlines which mentions Docker as a necessary skill for the position. <a href="https://jobs.aa.com/job/Associate-Developer%2C-IT-Applications/75816-en\_US">https://jobs.aa.com/job/Associate-Developer%2C-IT-Applications/75816-en\_US</a> (Last accessed 10/31/2024).
- Example of Sr. Cloud Infra DevSecOps Engineer/Architectposition at American Airlines which mentions use of Docker. https://www.linkedin.com/in/rupa-m-b90836309/ (Last accessed on 9/19/24).
- Example of Kubernetes Engineer position at American Airlines which mentions use of Docker. https://www.linkedin.com/in/sridhar-pulluri-199b56250/ (Last accessed on 9/19/24)
- Example of Software Engineer position at American Airlines which mentions use of Docker. <a href="https://www.linkedin.com/in/pthotakura9/">https://www.linkedin.com/in/pthotakura9/</a> (Last accessed on 9/19/24)
- Example of Senior Developer, IT Applications position at American Airlines which mentions use of Docker. https://www.linkedin.com/in/cj-cohorst-61a614173/ (Last accessed on 9/19/24)
- Example of Developer position at American Airlines which mentions use of Docker. <a href="https://in.linkedin.com/in/prudhvi-kumar-rayapati">https://in.linkedin.com/in/prudhvi-kumar-rayapati</a>.

As another example, American has announced cloud migration of legacy technology and efforts to modernize its mainframes and servers. Source: https://dxc.com/sg/en/insights/customer-stories/american-airlines-cloud-data-automation.

<sup>&</sup>lt;sup>1</sup> For the avoidance of doubt, Plaintiffs do not accuse public clouds of American if those services are provided by a cloud provider with a license to Plaintiffs' patents that covers American's activities. IV will provide relevant license agreements for cloud providers in discovery. To the extent any of these licenses are relevant to American's activities, Plaintiffs will meet and confer with American about the impact of such license(s).

On information and belief, other information confirmed American uses Docker technology.



Source: https://github.com/orgs/americanair/packages.



# Top Airlines, Airports & Air Services Companies Using Docker

37,841 companies using this technology

By Docker

Docker is a software container platform. Developers use Docker to eliminate "works on my machine" problems when collaborating on code with co-workers. Operators use Docker to run and manage apps side-by-side in isolated containers to get better compute density. Enterprises use Docker to build agile software delivery pipelines. Read less



#### **American Airlines**

Technologies used by the company: 1,293

Source: https://www.zoominfo.com/tech/23717/docker-tech-from-transportation-airline-industry-in-us-by-revenue.

When I came to American Airlines, I tried to contribute to several InnerSource projects in our corporate VCS. One of the things I observed is that local development leaned on local installations of the application framework extensively. In the past, I've been victim of "worked on my machine" in similar setups and wanted to get a better understanding of how pervasive containers were being used. I wanted to present options on how to use containers to help remove local dependency hell. There was plenty of opportunity to leverage this approach for local development not provided the control of the provided development not provided the control of the provided development not provided the control of the provided development not provided the provided development not pr

Using containers for a local development environment can help remove impediments in situations such as:

- My stack has several dependencies that are hard to emulate:
  - Databases, and associated volumes for (short-lived) storage
  - Caches
  - Connectivity to the above, with declarative service names
- I have a bunch of application dependencies (requirements.txt, packages.json, Gemfile)
- There are many moving parts to reproduce a production-like environment
- My team uses different operating systems, or versions of operating systems

### Windows and macOS

• Install Docker - stable or edge is fine. For the purposes of this write-up, we're using basic features.

Source: <a href="https://tech.aa.com/2020-10-13-containers-local-dev/">https://tech.aa.com/2020-10-13-containers-local-dev/</a>.

Karl Haworth, is a Principal Staff Engineer on American Airlines Developer Experience products. His team is leveraging Chainguard Images to harden their software and strengthen the security of their software supply chain. Karl recently created an alternative, secure image for the Backstage open-source framework using Changuard's wolfi-base image. In this guest post, Karl explores the decision to use wolfi-base and the benefits he has seen in reducing vulnerabilities and shrinking the overall Backstage attack surface.

American Airlines is committed to enhancing the developer experience by implementing a frictionless self-service platform to create delightful developer experiences. By doing so, the developers can deliver value *sooner* to our customers. In order to achieve the stated goal, we adopted Spotify's Backstage open-source framework for accelerating the development of our internal developer portal Runway. This marks my third endeavor at establishing a developer portal which has been successful due to a heavy focus on InnerSource practices. Backstage has proven instrumental in streamlining the development process, thanks to its community-driven foundation as a solid base to build upon.

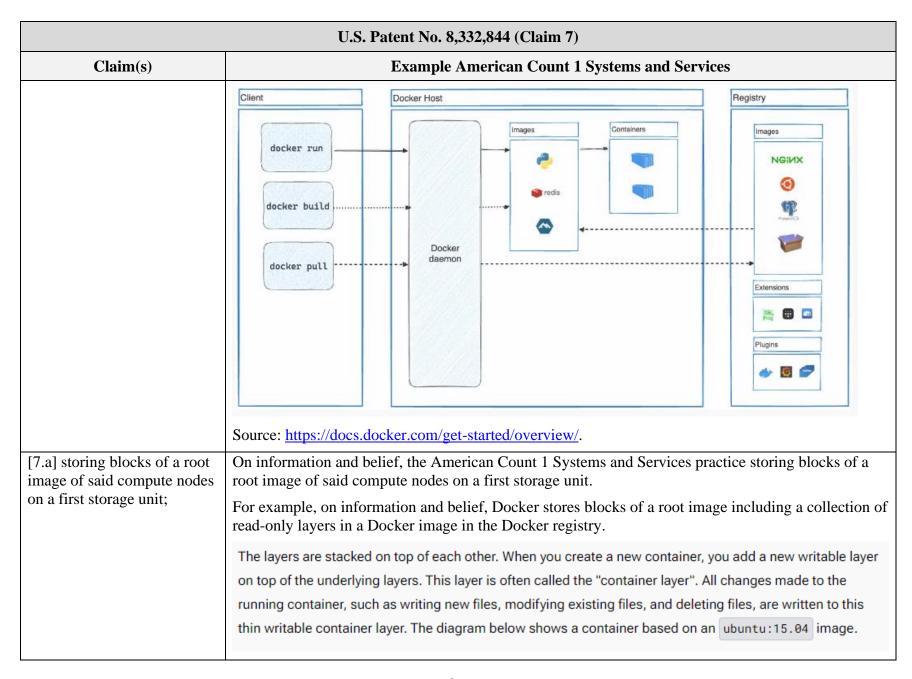
While Backstage prioritizes security, concerns arise when utilizing the base image, node:18bookworm-slim, as it contains 74 vulnerabilities ranging in severity. This has prompted us to assess
the security implications when using the docker build command and Dockerfile within the
Backstage framework, as the default added an additional 330 vulnerabilities. I attempted using
updated node and Debian images, but they also yielded similar results, prompting me to seek out
different solutions.

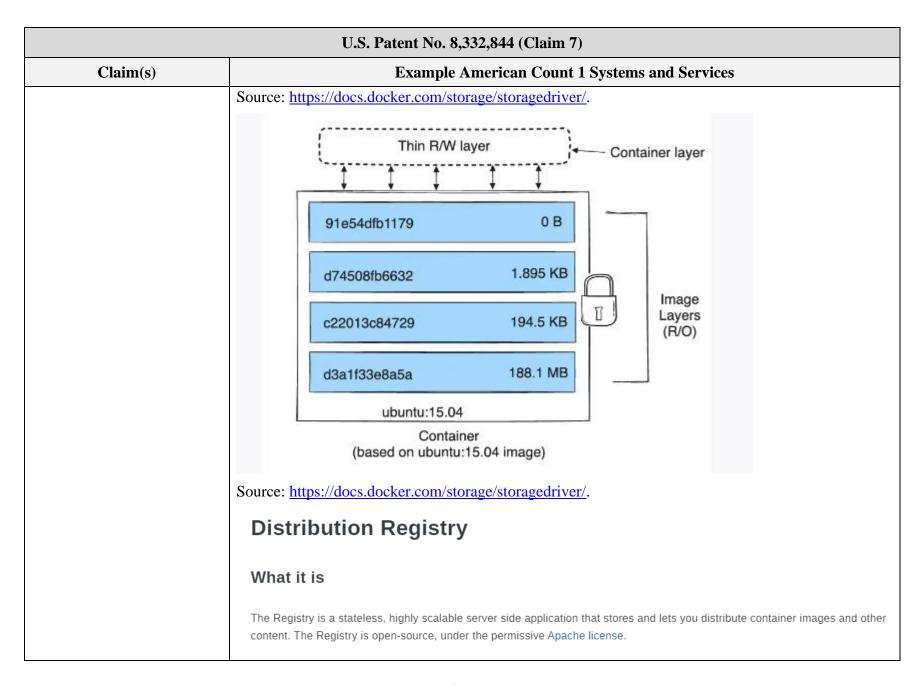
 $Source: \underline{https://www.chainguard.dev/unchained/reducing-vulnerabilities-in-backstage-with-chainguards-wolfi}. \ See \ also \ \underline{https://karlhaworth.com/}\ .$ 

U.S. Patent No. 8,332,844 (Claim 7)		
Claim(s)	Example American Count 1 Systems and Services	
[7.pre]. A method for providing data to a plurality of compute nodes, comprising:	To the extent this preamble is limiting, on information and belief, the American Count 1 Systems ar Services practice a method for providing data to a plurality of compute nodes.  For example, on information and belief, American's use of Docker provides "a method for providin data to a plurality of compute nodes."	
	Docker is an open platform for developing, shipping, and running applications. Docker enables you to separate your applications from your infrastructure so you can deliver software quickly. With Docker, you can manage your infrastructure in the same ways you manage your applications. By taking advantage of Docker's methodologies for shipping, testing, and deploying code, you can significantly reduce the delay between writing code and running it in production.	
	Source: <a href="https://docs.docker.com/get-started/overview/">https://docs.docker.com/get-started/overview/</a> . <sup>2</sup>	
	The Docker platform	
	Docker provides the ability to package and run an application in a loosely isolated environment called a container. The isolation and security lets you run many containers simultaneously on a given host. Containers are lightweight and contain everything needed to run the application, so you don't need to rely on what's installed on the host. You can share containers while you work, and be sure that everyone you share with gets the same container that works in the same way.	
	Source: <a href="https://docs.docker.com/get-started/overview/">https://docs.docker.com/get-started/overview/</a> .	

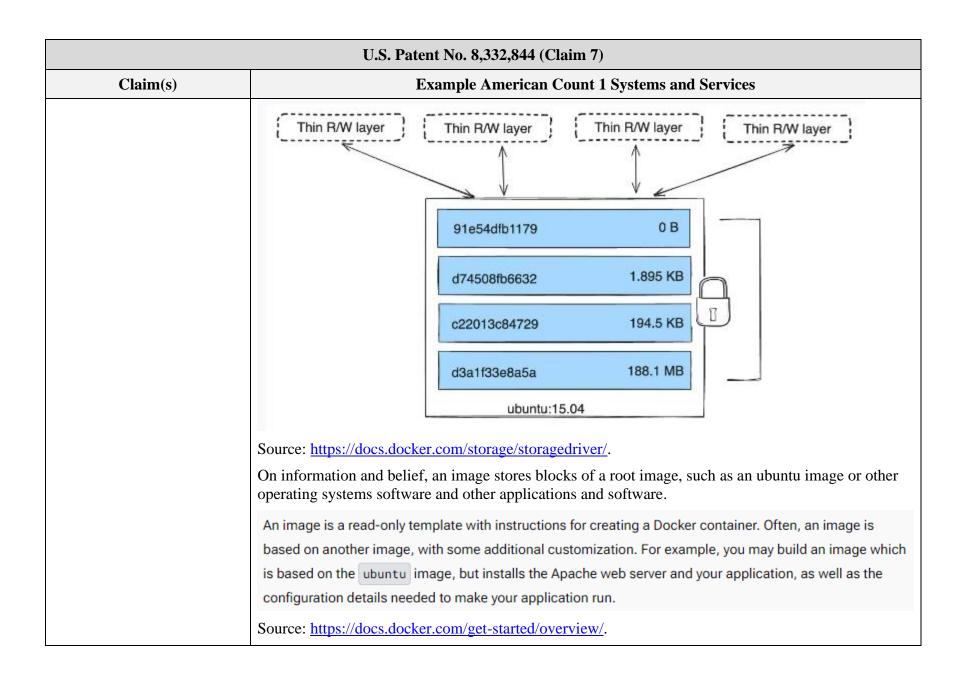
<sup>&</sup>lt;sup>2</sup> All sources cited in this document were publicly accessible as of the filing date of the Complaint.

U.S. Patent No. 8,332,844 (Claim 7)	
Claim(s)	Example American Count 1 Systems and Services
	Docker provides tooling and a platform to manage the lifecycle of your containers:
	<ul> <li>Develop your application and its supporting components using containers.</li> <li>The container becomes the unit for distributing and testing your application.</li> <li>When you're ready, deploy your application into your production environment, as a container or an</li> </ul>
	orchestrated service. This works the same whether your production environment is a local data center, a cloud provider, or a hybrid of the two.
	Source: <a href="https://docs.docker.com/get-started/overview/">https://docs.docker.com/get-started/overview/</a> .
	On information and belief, Docker uses a client-server architecture. For example, the Docker architecture shown below shows a client, a Docker host, and a registry. Docker clients communicate with a Docker daemon, which builds, runs, and distributes Docker containers. Docker images are run within containers.





U.S. Patent No. 8,332,844 (Claim 7)	
Claim(s)	Example American Count 1 Systems and Services
	Source: https://docs.docker.com/registry/.
	Why use it
	You should use the Registry if you want to:
	tightly control where your images are being stored
	fully own your images distribution pipeline
	<ul> <li>integrate image storage and distribution tightly into your in-house development workflow</li> </ul>
	Source: <a href="https://docs.docker.com/registry/">https://docs.docker.com/registry/</a> .
	On information and belief, the image below shows blocks of a root image (associated with ubuntu version 15.04) that is associated with a compute node.



	U.S. Patent No. 8,332,844 (Claim 7)	
Claim(s)	Example American Count 1 Systems and Services	
	Docker registries  A Docker registry stores Docker images. Docker Hub is a public registry that anyone can use, and Docker looks for images on Docker Hub by default. You can even run your own private registry.	
	Source: <a href="https://docs.docker.com/get-started/overview/">https://docs.docker.com/get-started/overview/</a> .  On information and belief, Docker includes images that are built up from a series of layers, where each layer represents an instruction in the image's Dockerfile. Blocks of a root image are stored in a memory associated with a computer such as a server (node).	

	U.S. Patent No. 8,332,844 (Claim 7)	
Claim(s)	Example American Count 1 Systems and Services	
	Images and layers	
	A Docker image is built up from a series of layers. Each layer represents an	
	instruction in the image's Dockerfile. Each layer except the very last one is read-	
	only. Consider the following Dockerfile:	
	# syntax=docker/dockerfile:1	
	FROM ubuntu:22.04	
	LABEL org.opencontainers.image.authors="org@example.com"	
	COPY . /app	
	RUN make /app	
	RUN rm -r \$HOME/.cache	
	CMD python /app/app.py	
	This Dockerfile contains four commands. Commands that modify the filesystem	
	create a layer. The FROM statement starts out by creating a layer from the	
	ubuntu:22.04 image. The LABEL command only modifies the image's	
	metadata, and doesn't produce a new layer. The COPY command adds some files	
	from your Docker client's current directory. The first RUN command builds your	
	application using the make command, and writes the result to a new layer. The	
	second RUN command removes a cache directory, and writes the result to a new	
	layer. Finally, the CMD instruction specifies what command to run within the	
	container, which only modifies the image's metadata, which doesn't produce an	
	image layer.	

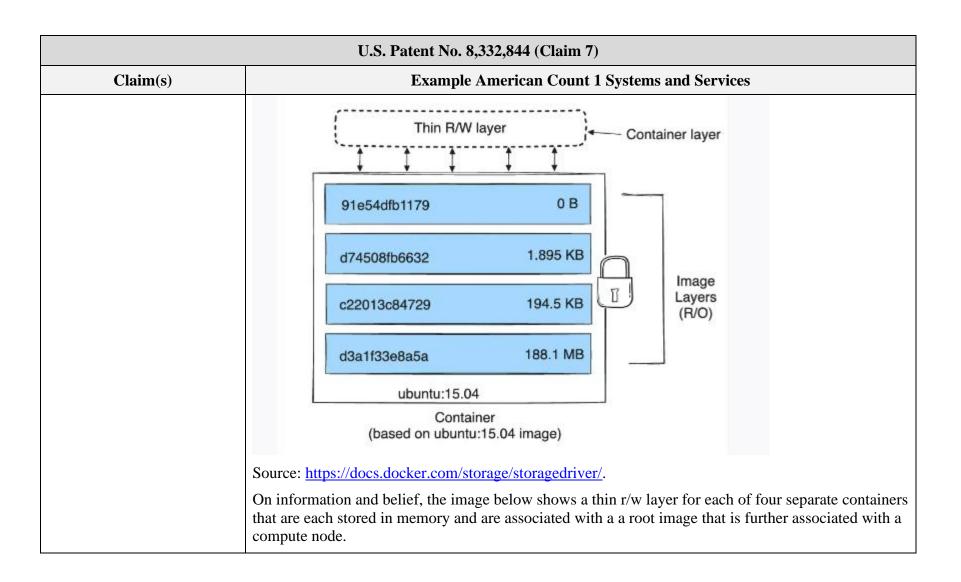
	U.S. Patent No. 8,332,844 (Claim 7)	
Claim(s)	Example American Count 1 Systems and Services	
	Source: <a href="https://docs.docker.com/engine/storage/drivers/">https://docs.docker.com/engine/storage/drivers/</a> .	
	The major difference between a container and an image is the top writable layer.	
	All writes to the container that add new or modify existing data are stored in this	
	writable layer. When the container is deleted, the writable layer is also deleted. The	
	underlying image remains unchanged.	
	Because each container has its own writable container layer, and all changes are	
	stored in this container layer, multiple containers can share access to the same	
	underlying image and yet have their own data state. The diagram below shows	
	multiple containers sharing the same Ubuntu 15.04 image.	
	Source: <a href="https://docs.docker.com/engine/storage/drivers/">https://docs.docker.com/engine/storage/drivers/</a> .	
	On information and belief, a Docker image and a Docker container can be layered in a manner as shown in the image below.	
	Container mount file 1 file 2 file 3 file 4 "merged"	
	Container layer file 2 file 4 "upperdir" go	
	Docker	
	Image layer   file 2   file 3   "lowerdir"   8	
	Source: https://docs.docker.com/engine/storage/drivers/overlayfs-driver/.	

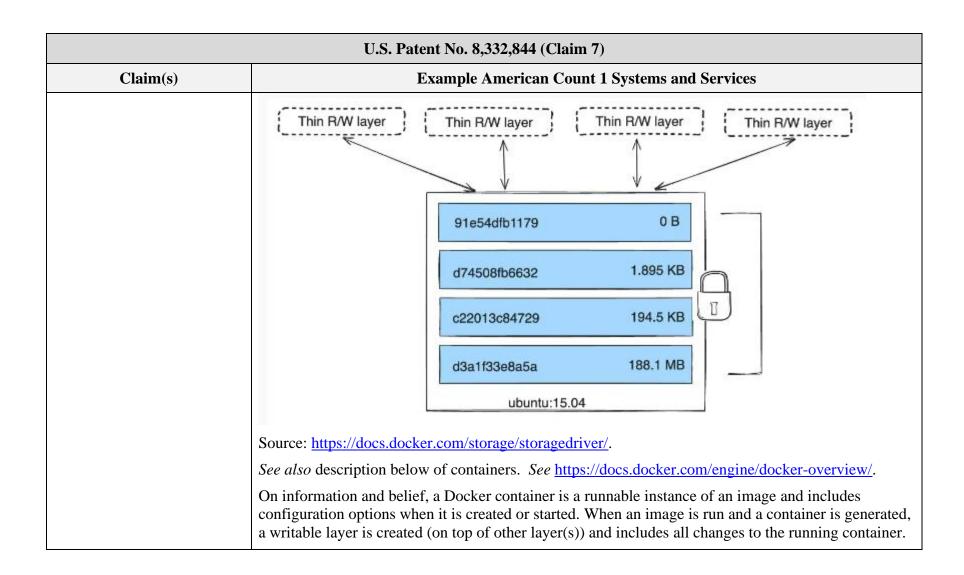
U.S. Patent No. 8,332,844 (Claim 7)	
Claim(s)	Example American Count 1 Systems and Services
	See also preamble [7.pre].
[7.b] storing leaf images for respective compute nodes on	On information and belief, the American Count 1 Systems and Services practice storing leaf images for respective compute nodes on respective second storage units.
respective second storage units,	For example, on information and belief, Docker stores leaf images including thin R/W layer in a runnable container for respective compute nodes on respective second storage units including Docker's local storage area.
	The layers are stacked on top of each other. When you create a new container, you add a new writable layer on top of the underlying layers. This layer is often called the "container layer". All changes made to the running container, such as writing new files, modifying existing files, and deleting files, are written to this thin writable container layer. The diagram below shows a container based on an ubuntu:15.04 image.
	Source: <a href="https://docs.docker.com/engine/storage/drivers/">https://docs.docker.com/engine/storage/drivers/</a> .

U.S. Patent No. 8,332,844 (Claim 7)  Everyple American Count 1 Systems and Souriess	
Claim(s)	Example American Count 1 Systems and Services
	When you use docker pull to pull down an image from a repository, or when
	you create a container from an image that doesn't yet exist locally, each layer is
	pulled down separately, and stored in Docker's local storage area, which is usually
	/var/lib/docker/ on Linux hosts. You can see these layers being pulled in this
	example:
	\$ docker pull ubuntu:22.04
	22.04: Pulling from library/ubuntu
	f476d66f5408: Pull complete
	8882c27f669e: Pull complete
	d9af21273955: Pull complete
	f5029279ec12: Pull complete
	Digest: sha256:6120be6a2b7ce665d0cbddc3ce6eae60fe94637c6a66985312d11
	Status: Downloaded newer image for ubuntu:22.04
	docker.io/library/ubuntu:22.04
	•

	U.S. Patent No. 8,332,844 (Claim 7)	
Claim(s)	Example American Count 1 Systems and Services	
	Images and layers	
	A Docker image is built up from a series of layers. Each layer represents an	
	instruction in the image's Dockerfile. Each layer except the very last one is read-	
	only. Consider the following Dockerfile:	
	# syntax=docker/dockerfile:1	
	FROM ubuntu:22.04	
	LABEL org.opencontainers.image.authors="org@example.com"	
	COPY . /app	
	RUN make /app	
	RUN rm -r \$HOME/.cache	
	CMD python /app/app.py	
	This Dockerfile contains four commands. Commands that modify the filesystem	
	create a layer. The FROM statement starts out by creating a layer from the	
	ubuntu:22.04 image. The LABEL command only modifies the image's	
	metadata, and doesn't produce a new layer. The COPY command adds some files	
	from your Docker client's current directory. The first RUN command builds your	
	application using the make command, and writes the result to a new layer. The	
	second RUN command removes a cache directory, and writes the result to a new	
	layer. Finally, the CMD instruction specifies what command to run within the	
	container, which only modifies the image's metadata, which doesn't produce an	
	image layer.	
	Source: <a href="https://docs.docker.com/engine/storage/drivers/">https://docs.docker.com/engine/storage/drivers/</a> .	

U.S. Patent No. 8,332,844 (Claim 7)	
Claim(s)	Example American Count 1 Systems and Services
	The major difference between a container and an image is the top writable layer.
	All writes to the container that add new or modify existing data are stored in this
	writable layer. When the container is deleted, the writable layer is also deleted. The
	underlying image remains unchanged.
	Because each container has its own writable container layer, and all changes are stored in this container layer, multiple containers can share access to the same
	underlying image and yet have their own data state. The diagram below shows multiple containers sharing the same Ubuntu 15.04 image.
	Source: <a href="https://docs.docker.com/engine/storage/drivers/">https://docs.docker.com/engine/storage/drivers/</a> .



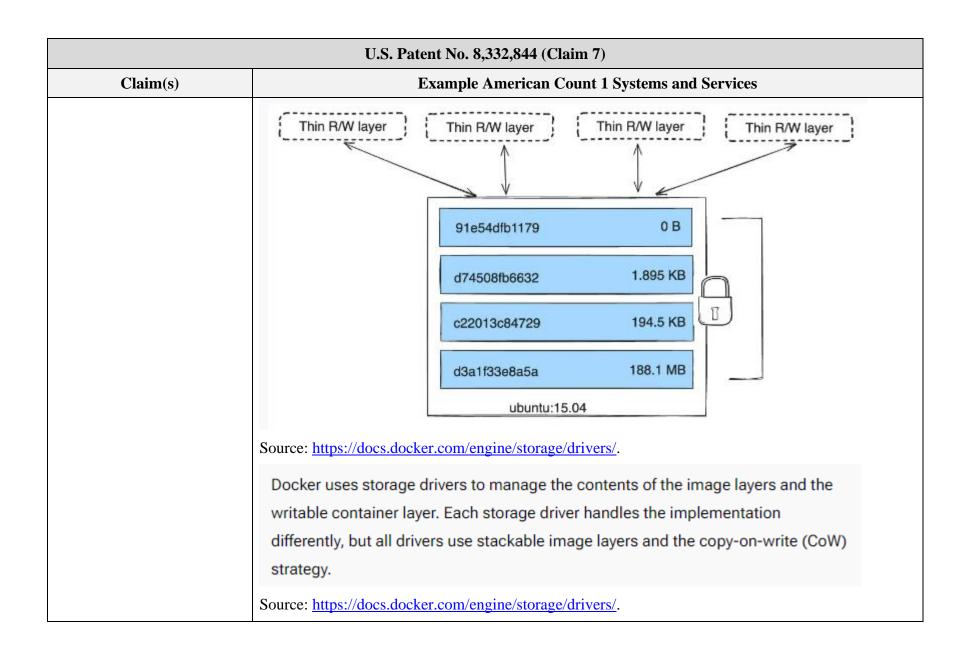


U.S. Patent No. 8,332,844 (Claim 7)	
Claim(s)	Example American Count 1 Systems and Services
Claim(s)	Containers  A container is a runnable instance of an image. You can create, start, stop, move, or delete a container using the Docker API or CLI. You can connect a container to one or more networks, attach storage to it, or even create a new image based on its current state.  By default, a container is relatively well isolated from other containers and its host machine. You can control how isolated a container's network, storage, or other underlying subsystems are from other containers or from the host machine.  A container is defined by its image as well as any configuration options you provide to it when you create or start it. When a container is removed, any
	changes to its state that aren't stored in persistent storage disappear.
	Source: <a href="https://docs.docker.com/get-started/docker-overview/">https://docs.docker.com/get-started/docker-overview/</a> .

U.S. Patent No. 8,332,844 (Claim 7)		
Claim(s) Example American Count 1 Systems and Services		
	Docker uses storage drivers to store image layers, and to store data in the writable layer of a container. The container's writable layer doesn't persist after the container is deleted, but is suitable for storing ephemeral data that is generated at runtime. Storage drivers are optimized for space efficiency, but (depending on the storage driver) write speeds are lower than native file system performance, especially for storage drivers that use a copy-on-write filesystem. Write-intensive applications, such as database storage, are impacted by a performance overhead, particularly if pre-existing data exists in the read-only layer.	
	On information and belief, a Docker image and a Docker container can be layered in a manner as shown in the image below.  Container mount Container layer Image layer  Container layer Image layer  Source: https://docs.docker.com/engine/storage/drivers/overlayfs-driver/.	
[7.b.i] said leaf images including only additional data blocks not previously contained in said root image and changes made by	On information and belief, the American Count 1 Systems and Services practice storing leaf images where said leaf images including only additional data blocks not previously contained in said root image and changes made by respective compute nodes to the blocks of the root image.	

U.S. Patent No. 8,332,844 (Claim 7)	
Claim(s)	Example American Count 1 Systems and Services
respective compute nodes to the blocks of the root image,	For example, on information and belief, Docker includes a writable per runnable container layer for new data such as new files and including a copy on write strategy for changes made to the blocks of the root image.
	The layers are stacked on top of each other. When you create a new container, you
	add a new writable layer on top of the underlying layers. This layer is often called
	the "container layer". All changes made to the running container, such as writing
	new files, modifying existing files, and deleting files, are written to this thin
	writable container layer. The diagram below shows a container based on an
	ubuntu:15.04 image.
	Source: <a href="https://docs.docker.com/engine/storage/drivers/">https://docs.docker.com/engine/storage/drivers/</a> .

U.S. Patent No. 8,332,844 (Claim 7)	
Claim(s)	Example American Count 1 Systems and Services
	Container and layers
	The major difference between a container and an image is the top writable layer.
	All writes to the container that add new or modify existing data are stored in this
	writable layer. When the container is deleted, the writable layer is also deleted. The
	underlying image remains unchanged.
	Because each container has its own writable container layer, and all changes are
	stored in this container layer, multiple containers can share access to the same
	underlying image and yet have their own data state. The diagram below shows
	multiple containers sharing the same Ubuntu 15.04 image.
	Source: <a href="https://docs.docker.com/engine/storage/drivers/">https://docs.docker.com/engine/storage/drivers/</a> .

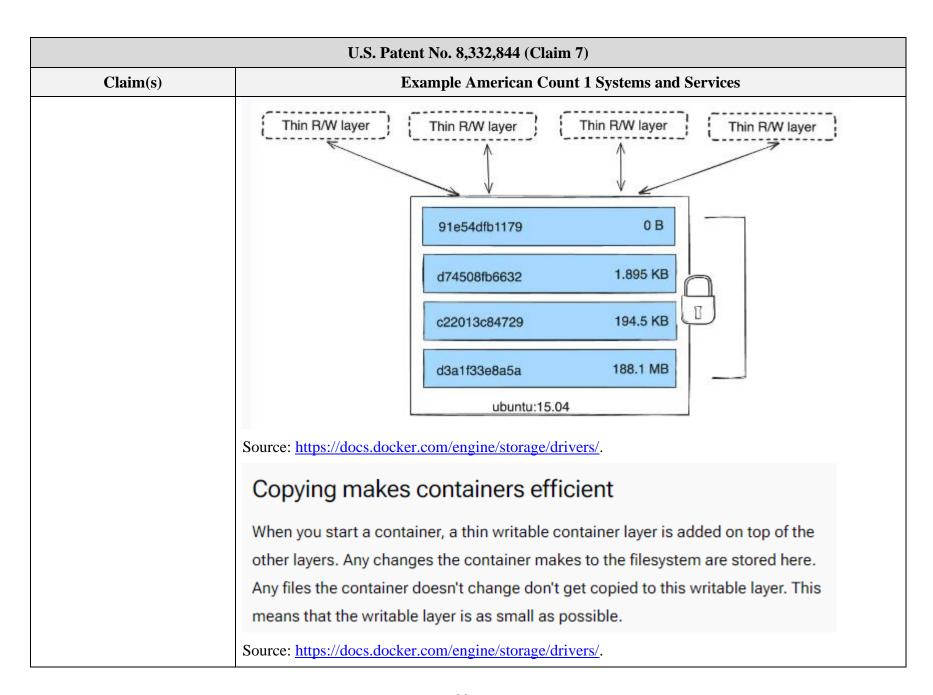


	U.S. Patent No. 8,332,844 (Claim 7)	
Claim(s)	Example American Count 1 Systems and Services	
	The copy-on-write (CoW) strategy	
	Copy-on-write is a strategy of sharing and copying files for maximum efficiency. If a file or directory exists in a lower layer within the image, and another layer (including the writable layer) needs read access to it, it just uses the existing file. The first time another layer needs to modify the file (when building the image or running the container), the file is copied into that layer and modified. This minimizes I/O and the size of each of the subsequent layers. These advantages are explained in more depth below.	
	Source: <a href="https://docs.docker.com/engine/storage/drivers/">https://docs.docker.com/engine/storage/drivers/</a> .	
	On information and belief, when a container is created or started, a thin writable container layer is added on top of the other layers, and any changes the container makes to the filesystem are stored in this layer, whereas any files that the container does not change do not get copied into this layer. Multiple containers can share access to the same image and maintain their own data state using their container layer.	

U.S. Patent No. 8,332,844 (Claim 7)	
Claim(s)	Example American Count 1 Systems and Services
	Copying makes containers efficient
	When you start a container, a thin writable container layer is added on top of the other layers. Any changes the container makes to the filesystem are stored here. Any files the container doesn't change don't get copied to this writable layer. This means that the writable layer is as small as possible.
	Source: <a href="https://docs.docker.com/engine/storage/drivers/">https://docs.docker.com/engine/storage/drivers/</a> .
	Because each container has its own writable container layer, and all changes are stored in this container layer, multiple containers can share access to the same underlying image and yet have their own data state. The diagram below shows multiple containers sharing the same Ubuntu 15.04 image.
	Source: <a href="https://docs.docker.com/engine/storage/drivers/">https://docs.docker.com/engine/storage/drivers/</a> .  See also claim limitations [7.a] and [7.b].

U.S. Patent No. 8,332,844 (Claim 7)	
Claim(s)	Example American Count 1 Systems and Services
[7.b.ii] wherein said leaf images of respective compute nodes do not include blocks of said root image that are unchanged by respective compute nodes; and	On information and belief, the American Count 1 Systems and Services practice said leaf images of respective compute nodes do not include blocks of said root image that are unchanged by respective compute nodes.  For example, on information and belief, Docker contains a writable layer using copy on write, leavin unchanged image data in their original image layers.
	Docker uses storage drivers to manage the contents of the image layers and the writable container layer. Each storage driver handles the implementation differently, but all drivers use stackable image layers and the copy-on-write (CoW) strategy.
	Source: <a href="https://docs.docker.com/engine/storage/drivers/">https://docs.docker.com/engine/storage/drivers/</a> .
	The copy-on-write (CoW) strategy
	Copy-on-write is a strategy of sharing and copying files for maximum efficiency. If a file or directory exists in a lower layer within the image, and another layer (including the writable layer) needs read access to it, it just uses the existing file. The first time another layer needs to modify the file (when building the image or running the container), the file is copied into that layer and modified. This minimizes I/O and the size of each of the subsequent layers. These advantages are explained in more depth below.
	Source: <a href="https://docs.docker.com/engine/storage/drivers/">https://docs.docker.com/engine/storage/drivers/</a> .

	U.S. Patent No. 8,332,844 (Claim 7)	
Claim(s)	Example American Count 1 Systems and Services	
	On information and belief, when a container is created or started, a thin writable container layer is added on top of the other layers, and any changes the container makes to the filesystem are stored in this layer, whereas any files that the container does not change do not get copied into this layer. Multiple containers can share access to the same image and maintain their own data state using their container layer.	
	Container and layers	
	The major difference between a container and an image is the top writable layer.	
	All writes to the container that add new or modify existing data are stored in this	
	writable layer. When the container is deleted, the writable layer is also deleted. The	
	underlying image remains unchanged.	
	Because each container has its own writable container layer, and all changes are	
	stored in this container layer, multiple containers can share access to the same	
	underlying image and yet have their own data state. The diagram below shows	
	multiple containers sharing the same Ubuntu 15.04 image.	
	Source: <a href="https://docs.docker.com/engine/storage/drivers/">https://docs.docker.com/engine/storage/drivers/</a> .	



	U.S. Patent No. 8,332,844 (Claim 7)
Claim(s)	Example American Count 1 Systems and Services
	Because each container has its own writable container layer, and all changes are stored in this container layer, multiple containers can share access to the same underlying image and yet have their own data state. The diagram below shows multiple containers sharing the same Ubuntu 15.04 image.  Source: <a href="https://docs.docker.com/engine/storage/drivers/">https://docs.docker.com/engine/storage/drivers/</a> .
	On information and belief, in the example below, the image layer includes file 1, file 2, and file 3, and the container layer includes file 2 and file 4. The container mount provides a unified view of the image and container layers. In this example, the container layer does not include file 1 or file 3, and includes file 2 and file 4, which have either been modified or created.
	Container mount    file 1   file 2   file 3   file 4   "merged"
	Source: <a href="https://docs.docker.com/engine/storage/drivers/overlayfs-driver/">https://docs.docker.com/engine/storage/drivers/overlayfs-driver/</a> .  See also claim limitations [7.a], [7.b], and [7.b.i].
[7.c] caching blocks of said root image that have been accessed by at least one of said compute nodes in a cache memory.	On information and belief, the American Count 1 Systems and Services practice caching blocks of said root image that have been accessed by at least one of said compute nodes in a cache memory.  Docker caches unchanged image layers from previous commands.

U.S. Patent No. 8,332,844 (Claim 7)	
Claim(s)	Example American Count 1 Systems and Services
	Optimize cache usage in builds
	When building with Docker, a layer is reused from the build cache if the instruction and the files it depends on hasn't changed since it was previously built. Reusing layers from the cache speeds up the build process because Docker doesn't have to rebuild the layer again.
	Source: <a href="https://docs.docker.com/build/cache/optimize/">https://docs.docker.com/build/cache/optimize/</a> .  Understanding Docker Cache
	Before we dive into the cleaning process, it's important to understand how Docker cache works. When you build a Docker image, Docker uses a build cache to speed up the build process. The build cache stores intermediate layers of the image, which are the layers that don't change frequently. This allows Docker to reuse these layers when building a new image, saving time and resources.
	Source: <a href="https://collabnix.com/how-to-clear-docker-cache/">https://collabnix.com/how-to-clear-docker-cache/</a> .

	U.S. Patent No. 8,332,844 (Claim 7)	
Claim(s)	Example American Count 1 Systems and Services	
	At each occurrence of a RUN command in the Dockerfile, Docker will create and commit a new layer to the image, which is just a set of tightly-coupled directories full of various file structure that comprise a Docker image. In a default install, these are located in /var/lib/docker.	
	During a new build, all of these file structures have to be created and written to disk — this is where Docker stores base images. Once created, the container (and subsequent new ones) will be stored in the folder in this same area.	
	What makes the cache important? If the objects on the file system that Docker is about to produce are unchanged between builds, reusing a cache of a previous build on the host is a great time-saver. It makes building a new container really, really fast. None of those file structures have to be created and written to disk this time — the reference to them is sufficient to locate and reuse the previously built structures.	
	Source: <a href="https://thenewstack.io/understanding-the-docker-cache-for-faster-builds/">https://thenewstack.io/understanding-the-docker-cache-for-faster-builds/</a> .	
	See <a href="https://thenewstack.io/understanding-the-docker-cache-for-faster-builds/">https://thenewstack.io/understanding-the-docker-cache-for-faster-builds/</a> .	